



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Permanently Affiliated to JNTUK
NAAC Accredited Institute & Inclusion u/s 2(f) & 12(B) of the UGC Act
NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh, diet.edu.in

INTERNET OF THINGS (IoT) COURSE

Course Instructor:

Dr. L.Prasanna Kumar
HOD & Professor, CSE Department
Dadi Institute of Engineering & Technology

Duration:

6 Weeks: From 18-06-2018 to 27-06-2018

Overview & Need for the Course:

It is easy to explore the new technology and applications. It's better decision making solution and communication made creators more confident to represent themselves. IoT is best opportunity for career oriented creators as they can learn, build and understand system on its own

Course Objectives:

The goal behind the Internet of things is

- Understand the definition and significance of the Internet of Things
- Discuss the architecture, operation, and business benefits of an IoT solution
- Examine the potential business opportunities that IoT can uncover
- Explore the relationship between IoT, cloud computing, and big data
- Identify how IoT differs from traditional data collection systems

Course Outcomes:

- Able to understand the application areas of IOT .
- Able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks .
- Able to understand building blocks of Internet of Things and characteristics
- Able to work with a Cloud Computing infrastructure
- Design and program IoT devices

Requirements

This course has no pre- or co-requisites.

Course Contents

- Chap 1. IOT Enabling Technologies
- Chap 2. Home Automation, Cities
- Chap 3. IOT Design Methodology,
- Chap 4. IOT Physical Devices & Endpoints
- Chap 5. Interfaces and Programming
- Chap 6. Cloud computing
- Chap 7. Smart Agriculture System.
Weather Reporting System.
Home Automation System

List of Participated students

1	16U41A0101	BANDARU SANKAR	CIVIL
2	16U41A0102	CHANDRA AMUKTHA MALYADA	CIVIL
3	16U41A0107	KOTNI NARESH	CIVIL
4	17U45A0105	BOTLA TARUN	CIVIL
5	17U45A0109	DEKKA RAMCHANDU	CIVIL
6	17U45A0117	JOMMALA VANI	CIVIL
7	17U45A0130	MANNI GOVINDA KRISHNA	CIVIL
8	17U45A0136	PEELA BALA SAI	CIVIL
9	16U41A0204	SINGAMPALLI JANARDHAN	EEE
10	16U41A0210	SALADI CHARAN	EEE
11	17U45A0205	BODDEDA SIVA SAI	EEE
12	17U45A0211	GANUGULA SIVA	EEE
13	17U45A0213	GOLLAVILLI SWATHI	EEE
14	17U45A0214	JERRIPOTHULU GIRI KUMAR	EEE
15	17U45A0237	PITTA KISHORE	EEE
16	17U45A0260	VANAM VINAY	EEE
17	16U41A0401	A PRASANTHI DEEPTHI SANKERTHANA	ECE
18	16U41A0411	KALLA ANITHA	ECE
19	16U41A0412	KAMIREDDY YAMINI	ECE
20	16U41A0425	PUNTHOTAM AJAY SELUSH	ECE
21	16U41A0427	SARIVISETTI MAHESH	ECE
22	17U45A0406	GANDREDDI TRINADH	ECE
23	17U45A0419	SUNKARA GANESH	ECE
24	16U41A0501	ADARI NANDINI	CSE
25	16U41A0503	ADIREDDI TULASI	CSE
26	16U41A0505	BHESETTY MONICA	CSE
27	16U41A0506	BANDARU YAMINI	CSE
28	16U41A0511	BOTTA MOUNIKA	CSE
29	16U41A0512	CHATTI SWATHI	CSE
30	16U41A0515	RAJA DANDUBOYINA	CSE
31	16U41A0525	GUDELA HARSHITHA	CSE
32	16U41A0526	BANDARU ASHWINI KALYANI	CSE
33	16U41A0543	LALAM DHARANI	CSE
34	16U41A0544	LENKA SHANMUKH	CSE
35	16U41A0554	N. G. N M P SURYA PRAKASH	CSE
36	16U41A0574	TAGARAMPUDI BHANU PRAKASH	CSE
37	16U41A0577	TETALI SREEKEERTHI	CSE
38	17U41A0101	BHARNIKANA VIJAYA KUMAR	CIVIL
39	17U41A0105	VEDULLA VENKATA KRANTHI	CIVIL


		KIRAN KU	
40	17U41A0107	KALINGA LAVANYA	CIVIL
41	17U41A0109	NANDA NIKHIL KUMAR	CIVIL
42	18U45A0103	BODI MEGHANA	CIVIL
43	18U45A0104	KALAHASTI NEERAJA RANI	CIVIL
44	18U45A0105	KANIKELLA RAMYA	CIVIL
45	17U41A0206	KESAMSETTI MOHAN BABU	EEE
46	17U41A0207	KONATHALA SIVA KARTHIK RAO	EEE
47	18U45A0215	MALLA CHARAN TEJA	EEE
48	18U45A0216	MATHURTHI VENKATESH	EEE
49	18U45A0223	PUDI NAVEEN KUMAR	EEE
50	18U45A0224	RONGALI APPALARAJU	EEE
51	18U45A0242	LALAM HARITHA	EEE
52	18U45A0243	SURISSETTY PAVAN KUMAR	EEE
53	17U41A0402	ARSI ROHIT NAIDU	ECE
54	17U41A0406	BONGARALA DHARANI	ECE
55	17U41A0410	DADI VANI	ECE
56	17U41A0425	KATTAMURI BHARATH KUMAR	ECE
57	17U41A0464	TANAKALA K SUPRIYA	ECE
58	17U41A0509	BUDDA KOMALI	CSE
59	17U41A0512	CHENNA SRIHITHA	CSE
60	17U41A0513	DADI ABHISHEK	CSE
61	17U41A0517	GORLE NAVIN KUMAR	CSE
62	17U41A0519	GUNDA RISHITHA	CSE
63	17U41A0521	INDUKURI PRANAY SAI VARMA	CSE
64	17U41A0523	KALLA VENKATA SAI DINESH	CSE
65	17U41A0524	KALLEPALLI SHAMINI	CSE
66	16U41A0539	KONATHALA LOHIT SAI KRISHNA TEJA	CSE

67	17U41A0561	SAKINAPALLI PRIYANKA	CSE
68	17U41A0579	MADDALA APARNA	CSE
69	17U41A0582	MALLA ADI SONIA	CSE
70	17U41A0597	VIROTHI VENKATA SWAROOP	CSE

Classroom



Certificate



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Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

Kotni Naresh

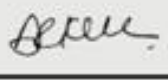
**FOR SUCCESSFUL COMPLETION OF 6 WEEKS COURSE ON
INTERNET OF THINGS FROM 18/6/2018 TO 27/6/2018**



Dr. K. Sujatha
Coordinator



Prof. Dr. Ch. Narasimham
Principal



Sri Dadi Ratnakar
Chairman

VISAKHAPATNAM, ANDHRA PRADESH, DIET.EDU.IN